

Application No.: 10/719557Case No.: 58710US002**Amendments to the Drawings:**

The drawings are objected to as failing to comply with 37 CFR 1.84(p)(4) because reference character "51" has been used to designate both "axis" and "bracket" as shown in Figure 2.

The enclosed new sheet 2, which includes Figure 2, replaces the sheet from the originally filed drawings for the above-identified application. No new matter has been added.

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REMARKS

Claims 1 to 40 are pending. Claims 7, 30 and 33 are amended. Claim 32 is canceled.

Claim Objections

Claims 7-10 and 30-40 are objected to. Appropriate correction has been made.

112 Rejections

Claims 30-40 are rejected under 35 USC § 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which Applicants regard as the invention.

Claim 30 has been amended to overcome this rejection in accordance with the Examiner's suggestion.

In summary, Applicants submit that the rejection of claims 30-40 under 35 USC § 112, second paragraph, has been overcome, and that the rejection should be withdrawn.

102 Rejections

Claims 1-4, 6, 30-32, and 36 are rejected under 35 USC § 102(b) as being anticipated by Martin (U.S. Pat. No. 3,615,048).

Independent Claim 1 requires, among other things, positioning a first positioning guide 14 and also a second positioning guide 16. Both first positioning guide and second positioning guide are independently capable of positioning a moving web. Figure 1 of the presently pending application clearly illustrates that the first positioning guide 14 and second positioning guide 16 independently operate. With respect to the Martin '048 reference, the Office Action states that Martin discloses a first positioning guide and a second positioning guide. The Office Action states that a first roller 12 is a first positioning guide and a second positioning guide is a roller 14. Applicants respectfully submit that the Martin '048 reference includes only one positioning guide. The positioning guide is a tilt box 10 that includes first and second rolls 12 and 14, that are rotatably mounted in a carriage 16 formed of side rails and axles (Martin '048 patent, column 3, lines 2-7). As is disclosed, the tilt box 10 is a single positioning guide. Independent rollers 12 and

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14, while interchangeably called rollers or guides in the '048 reference, work together as a single positioning guide. This point is further emphasized in the Martin '048 reference at column 1, lines 42-47, which states:

"More specifically, the invention relates to apparatus of the box tilt or step tilt type wherein the position of the pair of rolls relative to the rest of the machine is adjustable to direct the web laterally a desired amount."

That the tilt box is only a single positioning guide for controlling a moving web is also emphasized at column 3, lines 56-60; column 3, line 75 through column 4, line 4; and column 4, lines 51 through 64. For at least this reason, the Martin '048 reference does not disclose independent claim 1.

All claims depending from claim 1 also include a first positioning guide and a second positioning guide. Therefore, the Martin '048 reference does not disclose any of the claims depending from independent claim 1.

Claim 30 has been amended to require, among other things, using a zero-backlash actuator that is directly coupled to the frame through a flexible bracket. The Martin '048 reference does not disclose or suggest using a zero-backlash actuator that is directly coupled to the frame through a flexible bracket.

As a preliminary matter, the frame 70 of Martin does not comprise of at least one frame roller (12 or 14), as stated in the Office Action. Instead, rolls 12 and 14 are mounted to carriage 16 (Martin '048, column 3, lines 1-5). Edge detectors 62 and 64 are mounted by means of rods 66 and 68 to frame 70, which in turn is supported by flexible straps, 78 and 80, to supports 26 and 28. In summary, Martin '048 discloses two separate frame assemblies; carriage 16 supporting rolls 12 and 14, and frame 70 supporting edge detectors 62 and 64. What is not disclosed is a flexure plate connecting the positioning device to the frame such that the frame rotates about a midpoint of said entrance tangent line of the web with the first frame roller 14. For at least this reason, claim 30 is patentable over the cited reference.

As stated above, claim 30 requires using a zero-backlash actuator, mounted on the base, that is directly coupled to the frame through a flexible bracket. The Martin '048 reference discloses a motor 54 and gearbox 56, mounted on the carriage 16, that are indirectly connected through a

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crank 58 and connecting rod 60 to the support 28. Also, while the Office Action states that Martin '048 teaches reducing backlash, that is an objective of Martin, and the disclosure does not teach or suggest using a zero-backlash actuator directly connected to the frame through a flexible coupling.

For at least the forgoing reasons, claim 30 is patentable over the cited reference. Additionally, for at least the same reasons, claims 31 and 36 are likewise patentable.

103 Rejections

Claims 5, 11-19, and 33-40 are rejected under 35 USC § 103(a) as being unpatentable over Martin (U.S. Patent No. 3,615,048).

Independent claim 16 requires, among other things, a first positioning guide and a second positioning guide. As discussed previously, the Martin '048 reference discloses only a single positioning guide. For at least this reason, independent claim 16 is not anticipated or made obvious by the Martin '048 reference, since there is no teaching or suggestion to add a second positioning guide as is required by claim 16.

Claims depending from independent claim 16 also require, among other things, first and second positioning guides. Similarly, they are likewise patentable over the Martin '048 reference.

The rejection of claims 5, 11-19, and 33-40 under 35 USC § 103(a) as being unpatentable over Martin (U.S. Patent No. 3,615,048) has been overcome and should be withdrawn.

Application No.: 10/719557Case No.: 58710US002**Conclusion**

In view of the above, it is submitted that the application is in condition for allowance.
Reconsideration of the application is requested.

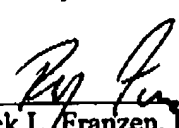
Allowance of claims 1-40, as amended, at an early date is solicited. If it would help advance prosecution of the case, the Examiner is invite to contact the undersigned by phone.

Respectfully submitted,

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Date

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